

Serial No. 09/638,693

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James Martinell  
Primary Examiner 1634

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Run on: June 27, 2006, 12:43:48 ; Search time 49 Seconds  
(without alignments)  
237.583 Million cell updates/sec

Title: US-09-638-693A-36  
Perfect score: 133  
Sequence: 1 QNEICLTHPITKYIMACMSA.....VIEPIVTTNWQKLEAFWHKH 133 .

Scoring table: OLIGO  
Gapop 60.0 , Gapext 60.0

Searched: 650591 seqs, 87530628 residues

Word size : 1

Total number of hits satisfying chosen parameters: 649417

Minimum DB seq length: 0  
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Database : Issued Patents AA:\*  
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

# SUMMARIES

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2	98	73.7	133	2	US-09-878-281A-38	Sequence 38, Appl
3	98	73.7	133	2	US-09-878-281A-40	Sequence 40, Appl
4	98	73.7	209	2	US-09-878-281A-223	Sequence 223, App
5	52	39.1	133	2	US-09-878-281A-32	Sequence 32, Appl
6	52	39.1	133	2	US-09-878-281A-34	Sequence 34, Appl
7	48	36.1	128	1	US-08-244-116B-17	Sequence 17, Appl
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9	41	30.8	1099	2	US-09-881-654-4	Sequence 4, Appli
10	41	30.8	1099	2	US-10-637-323-4	Sequence 4, Appli
11	20	15.0	20	2	US-09-790-497A-104	Sequence 104, App
12	20	15.0	20	2	US-09-878-281A-97	Sequence 97, Appl
13	20	15.0	22	1	US-08-146-028-107	Sequence 107, App
14	20	15.0	22	2	US-08-723-425A-107	Sequence 107, App
15	20	15.0	22	2	US-09-112-206-107	Sequence 107, App
16	20	15.0	22	2	US-09-576-824A-104	Sequence 104, App
17	20	15.0	22	2	US-09-680-497-107	Sequence 107, App
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

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2	133	100.0	133	3	US-09-878-281-36	Sequence 36, Appl
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4	98	73.7	133	3	US-09-899-046-38	Sequence 38, Appl
5	98	73.7	133	3	US-09-899-046-40	Sequence 40, Appl
6	98	73.7	133	3	US-09-878-281-38	Sequence 38, Appl
7	98	73.7	133	3	US-09-878-281-40	Sequence 40, Appl
8	98	73.7	133	3	US-09-873-224-38	Sequence 38, Appl
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10	98	73.7	209	3	US-09-899-046-223	Sequence 223, App
11	98	73.7	209	3	US-09-878-281-223	Sequence 223, App
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65	18	13.5	20	3	US-09-878-281-99	Sequence 99, Appl
66	18	13.5	20	3	US-09-873-224-99	Sequence 99, Appl
67	18	13.5	22	5	US-10-621-675-105	Sequence 105, App
68	18	13.5	685	5	US-10-974-558-2	Sequence 2, Appli
69	18	13.5	1985	4	US-10-259-275-42	Sequence 42, Appl
70	18	13.5	1985	4	US-10-639-150-2	Sequence 2, Appli
71	18	13.5	1985	6	US-11-006-313-42	Sequence 42, Appl
72	18	13.5	1985	6	US-11-119-330-2	Sequence 2, Appli
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75	18	13.5	1985	6	US-11-173-792-17	Sequence 17, Appl
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77	18	13.5	2201	4	US-10-309-561-3	Sequence 3, Appli
78	18	13.5	2201	4	US-10-789-355-3	Sequence 3, Appli
79	18	13.5	2201	4	US-10-686-835-3	Sequence 3, Appli
80	18	13.5	3010	4	US-10-467-000-1	Sequence 1, Appli
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82	14	10.5	18	4	US-10-396-964-1	Sequence 1, Appli
83	14	10.5	18	6	US-11-090-952-30	Sequence 30, Appl
84	14	10.5	3010	4	US-10-333-449A-34	Sequence 34, Appl
85	13	9.8	20	3	US-09-899-046-98	Sequence 98, Appl
86	13	9.8	20	3	US-09-899-046-100	Sequence 100, App
87	13	9.8	20	3	US-09-878-281-98	Sequence 98, Appl
88	13	9.8	20	3	US-09-878-281-100	Sequence 100, App
89	13	9.8	20	3	US-09-873-224-98	Sequence 98, Appl
90	13	9.8	20	3	US-09-873-224-100	Sequence 100, App
91	13	9.8	24	5	US-10-621-675-106	Sequence 106, App
92	13	9.8	30	4	US-10-296-734-628	Sequence 628, App
93	13	9.8	30	4	US-10-296-734-630	Sequence 630, App
94	13	9.8	51	3	US-09-921-397-91	Sequence 91, Appl
95	13	9.8	54	3	US-09-929-955-7	Sequence 7, Appli
96	13	9.8	54	3	US-09-929-955-30	Sequence 30, Appl
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101	13	9.8	54	4	US-10-719-619-7	Sequence 7, Appli
102	13	9.8	54	5	US-10-817-591-7	Sequence 7, Appli
103	13	9.8	54	5	US-10-817-591-30	Sequence 30, Appl
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111	13	9.8	686	3	US-09-929-955-43	Sequence 43, Appl
112	13	9.8	686	3	US-09-929-955-44	Sequence 44, Appl
113	13	9.8	686	3	US-09-929-955-45	Sequence 45, Appl
114	13	9.8	686	3	US-09-929-955-46	Sequence 46, Appl
115	13	9.8	686	3	US-09-929-955-47	Sequence 47, Appl
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117	13	9.8	686	3	US-09-929-955-49	Sequence 49, Appl

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122	13	9.8	686	3	US-09-930-591-4	Sequence 4, Appli
123	13	9.8	686	3	US-09-930-591-5	Sequence 5, Appli
124	13	9.8	686	3	US-09-930-591-6	Sequence 6, Appli
125	13	9.8	686	3	US-09-930-591-7	Sequence 7, Appli
126	13	9.8	686	3	US-09-930-591-8	Sequence 8, Appli
127	13	9.8	686	3	US-09-930-591-9	Sequence 9, Appli
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131	13	9.8	686	4	US-10-307-047-3	Sequence 3, Appli
132	13	9.8	686	4	US-10-307-047-4	Sequence 4, Appli
133	13	9.8	686	4	US-10-307-047-5	Sequence 5, Appli
134	13	9.8	686	4	US-10-307-047-6	Sequence 6, Appli
135	13	9.8	686	4	US-10-307-047-7	Sequence 7, Appli
136	13	9.8	686	4	US-10-307-047-8	Sequence 8, Appli
137	13	9.8	686	4	US-10-307-047-9	Sequence 9, Appli
138	13	9.8	686	4	US-10-307-047-10	Sequence 10, Appl
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142	13	9.8	686	4	US-10-643-853-3	Sequence 3, Appli
143	13	9.8	686	4	US-10-658-782-2	Sequence 2, Appli
144	13	9.8	686	5	US-10-817-591-17	Sequence 17, Appl
145	13	9.8	686	5	US-10-817-591-31	Sequence 31, Appl
146	13	9.8	686	5	US-10-817-591-32	Sequence 32, Appl
147	13	9.8	686	5	US-10-817-591-43	Sequence 43, Appl
148	13	9.8	686	5	US-10-817-591-44	Sequence 44, Appl
149	13	9.8	686	5	US-10-817-591-45	Sequence 45, Appl
150	13	9.8	686	5	US-10-817-591-46	Sequence 46, Appl
151	13	9.8	686	5	US-10-817-591-47	Sequence 47, Appl
152	13	9.8	686	5	US-10-817-591-48	Sequence 48, Appl
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156	13	9.8	686	6	US-11-043-808-3	Sequence 3, Appli
157	13	9.8	686	6	US-11-043-808-4	Sequence 4, Appli
158	13	9.8	686	6	US-11-043-808-5	Sequence 5, Appli
159	13	9.8	686	6	US-11-043-808-6	Sequence 6, Appli
160	13	9.8	686	6	US-11-043-808-7	Sequence 7, Appli
161	13	9.8	686	6	US-11-043-808-8	Sequence 8, Appli
162	13	9.8	686	6	US-11-043-808-9	Sequence 9, Appli
163	13	9.8	686	6	US-11-043-808-10	Sequence 10, Appl
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169	13	9.8	686	6	US-11-249-893-3	Sequence 3, Appli
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172	13	9.8	686	6	US-11-249-893-6	Sequence 6, Appli
173	13	9.8	686	6	US-11-249-893-7	Sequence 7, Appli
174	13	9.8	686	6	US-11-249-893-8	Sequence 8, Appli
175	13	9.8	686	6	US-11-249-893-9	Sequence 9, Appli
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181	13	9.8	1210	5	US-10-939-958-3	Sequence 3, Appli
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183	13	9.8	1771	6	US-11-195-009-4	Sequence 4, Appli
184	13	9.8	1771	6	US-11-195-009-9	Sequence 9, Appli
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187	13	9.8	1892	6	US-11-195-009-13	Sequence 13, Appl
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189	13	9.8	1921	6	US-11-195-009-19	Sequence 19, Appl
190	13	9.8	1944	6	US-11-195-009-15	Sequence 15, Appl
191	13	9.8	1997	4	US-10-296-734-816	Sequence 816, App
192	13	9.8	2011	4	US-10-296-734-812	Sequence 812, App
193	13	9.8	2894	3	US-09-941-611-23	Sequence 23, Appl
194	13	9.8	2894	4	US-10-044-995-23	Sequence 23, Appl
195	13	9.8	2894	5	US-10-822-871-23	Sequence 23, Appl
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197	13	9.8	3011	3	US-09-916-359-2	Sequence 2, Appli
198	13	9.8	3011	3	US-09-238-076-20	Sequence 20, Appl

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203	13	9.8	3011	3	US-09-995-937-20	Sequence 20, Appl
204	13	9.8	3011	3	US-09-917-563-20	Sequence 20, Appl
205	13	9.8	3011	4	US-10-104-966-1	Sequence 1, Appli
206	13	9.8	3011	4	US-10-259-275-20	Sequence 20, Appl
207	13	9.8	3011	4	US-10-232-643-6	Sequence 6, Appli
208	13	9.8	3011	4	US-10-184-150-3	Sequence 3, Appli
209	13	9.8	3011	4	US-10-328-997-3	Sequence 3, Appli
210	13	9.8	3011	4	US-10-189-359-14	Sequence 14, Appl
211	13	9.8	3011	4	US-10-296-734-406	Sequence 406, App
212	13	9.8	3011	4	US-10-719-619-1	Sequence 1, Appli
213	13	9.8	3011	4	US-10-445-724-2	Sequence 2, Appli
214	13	9.8	3011	5	US-10-817-591-1	Sequence 1, Appli
215	13	9.8	3011	5	US-10-985-205-3	Sequence 3, Appli
216	13	9.8	3011	6	US-11-006-313-20	Sequence 20, Appl
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219	13	9.8	3012	3	US-09-995-937-2	Sequence 2, Appli
220	13	9.8	3012	3	US-09-917-563-2	Sequence 2, Appli
221	13	9.8	5985	4	US-10-296-734-810	Sequence 810, App
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223	12	9.0	21	4	US-10-397-411-2	Sequence 2, Appli
224	12	9.0	21	6	US-11-082-595-8	Sequence 8, Appli
225	12	9.0	54	6	US-11-137-220-2	Sequence 2, Appli
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227	12	9.0	1736	4	US-10-328-206-2	Sequence 2, Appli
228	12	9.0	1736	6	US-11-140-379-2	Sequence 2, Appli
229	12	9.0	2280	6	US-11-022-562-211	Sequence 211, App
230	11	8.3	20	3	US-09-899-046-101	Sequence 101, App
231	11	8.3	20	3	US-09-878-281-101	Sequence 101, App
232	11	8.3	20	3	US-09-873-224-101	Sequence 101, App
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234	10	7.5	10	4	US-10-128-711-139	Sequence 139, App
235	10	7.5	15	4	US-10-103-395-256	Sequence 256, App
236	10	7.5	128	3	US-09-899-046-62	Sequence 62, Appl
237	10	7.5	128	3	US-09-878-281-62	Sequence 62, Appl
238	10	7.5	128	3	US-09-873-224-62	Sequence 62, Appl
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240	10	7.5	613	4	US-10-104-966-6	Sequence 6, Appli
241	10	7.5	613	4	US-10-719-619-6	Sequence 6, Appli
242	10	7.5	613	5	US-10-817-591-6	Sequence 6, Appli
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244	10	7.5	631	4	US-10-214-932-78	Sequence 78, Appl
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248	8	6.0	9	5	US-10-621-675-276	Sequence 276, App
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252	8	6.0	19	3	US-09-874-350A-103	Sequence 103, App
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262	8	6.0	22	5	US-10-621-675-50	Sequence 50, Appl
263	8	6.0	22	5	US-10-621-675-51	Sequence 51, Appl
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278	8	6.0	25	3	US-09-930-591-19	Sequence 19, Appl
279	8	6.0	25	3	US-09-930-591-20	Sequence 20, Appl

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282	8	6.0	25	3	US-09-930-591-23	Sequence 23, Appl
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288	8	6.0	25	4	US-10-307-047-20	Sequence 20, Appl
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290	8	6.0	25	4	US-10-307-047-22	Sequence 22, Appl
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296	8	6.0	25	5	US-10-817-591-34	Sequence 34, Appl
297	8	6.0	25	5	US-10-817-591-35	Sequence 35, Appl
298	8	6.0	25	5	US-10-817-591-36	Sequence 36, Appl
299	8	6.0	25	5	US-10-817-591-37	Sequence 37, Appl
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307	8	6.0	25	6	US-11-043-808-21	Sequence 21, Appl
308	8	6.0	25	6	US-11-043-808-22	Sequence 22, Appl
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314	8	6.0	25	6	US-11-249-893-19	Sequence 19, Appl
315	8	6.0	25	6	US-11-249-893-20	Sequence 20, Appl
316	8	6.0	25	6	US-11-249-893-21	Sequence 21, Appl
317	8	6.0	25	6	US-11-249-893-22	Sequence 22, Appl
318	8	6.0	25	6	US-11-249-893-23	Sequence 23, Appl
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320	8	6.0	30	4	US-10-296-734-634	Sequence 634, App
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326	8	6.0	320	5	US-10-858-730-111	Sequence 111, App
327	8	6.0	320	6	US-11-188-298-22427	Sequence 22427, A
328	8	6.0	327	6	US-11-188-298-7868	Sequence 7868, Ap
329	8	6.0	342	6	US-11-008-570-45	Sequence 45, Appl
330	8	6.0	369	4	US-10-156-761-12928	Sequence 12928, A
331	8	6.0	369	6	US-11-188-298-10207	Sequence 10207, A
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335	8	6.0	473	3	US-09-847-670-1	Sequence 1, Appli
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337	8	6.0	632	3	US-09-929-955-29	Sequence 29, Appl
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339	8	6.0	632	4	US-10-307-047-12	Sequence 12, Appl
340	8	6.0	632	5	US-10-817-591-29	Sequence 29, Appl
341	8	6.0	632	6	US-11-043-808-12	Sequence 12, Appl
342	8	6.0	632	6	US-11-213-326-4	Sequence 4, Appli
343	8	6.0	632	6	US-11-249-893-12	Sequence 12, Appl
344	8	6.0	646	6	US-11-213-326-6	Sequence 6, Appli
345	8	6.0	724	5	US-10-450-763-45743	Sequence 45743, A
346	8	6.0	724	5	US-10-450-763-47890	Sequence 47890, A
347	8	6.0	1382	6	US-11-098-686-10797	Sequence 10797, A
348	7	5.3	7	4	US-10-319-402-30	Sequence 30, Appl

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OM protein - protein search, using sw model

Run on: June 27, 2006, 12:55:58 ; Search time 20 Seconds  
(without alignments)  
151.923 Million cell updates/sec

Title: US-09-638-693A-36  
Perfect score: 133  
Sequence: 1 QNEICLTHPITKYIMACMSA.....VIEPIVTTNWQKLEAFWHKH 133

Scoring table: OLIGO  
Gapop 60.0 , Gapext 60.0

Searched: .99297 seqs, 22845552 residues

Word size : 1

Total number of hits satisfying chosen parameters: 99283

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Listing first 2000 summaries

Database : Published Applications\_AA\_New:\*  
1: /EMC\_Celerra\_SIDS3/ptodata/1/pubpaa/US09\_NEW\_PUB.pep:\*  
2: /EMC\_Celerra\_SIDS3/ptodata/1/pubpaa/US06\_NEW\_PUB.pep:\*  
3: /EMC\_Celerra\_SIDS3/ptodata/1/pubpaa/US07\_NEW\_PUB.pep:\*  
4: /EMC\_Celerra\_SIDS3/ptodata/1/pubpaa/US08\_NEW\_PUB.pep:\*  
5: /EMC\_Celerra\_SIDS3/ptodata/1/pubpaa/PCT\_NEW\_PUB.pep:\*  
6: /EMC\_Celerra\_SIDS3/ptodata/1/pubpaa/US10\_NEW\_PUB.pep:\*  
7: /EMC\_Celerra\_SIDS3/ptodata/1/pubpaa/US11\_NEW\_PUB.pep:\*  
8: /EMC\_Celerra\_SIDS3/ptodata/1/pubpaa/US60\_NEW\_PUB.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	% Match	Query Length	DB ID	Description
1	48	36.1	3020	7	US-11-140-487A-772 Sequence 772, App
2	19	14.3	3010	7	US-11-140-487A-769 Sequence 769, App
3	19	14.3	3010	7	US-11-140-487A-770 Sequence 770, App
4	13	9.8	845	7	US-11-254-252-16 Sequence 16, Appl
5	13	9.8	1892	7	US-11-131-901-6 Sequence 6, Appli
6	13	9.8	3011	7	US-11-140-487A-771 Sequence 771, App
7	13	9.8	3011	7	US-11-236-836-14 Sequence 14, Appl
8	13	9.8	3011	7	US-11-254-252-20 Sequence 20, Appl
9	12	9.0	15	7	US-11-140-487A-2141 Sequence 2141, Ap
10	12	9.0	15	7	US-11-140-487A-2233 Sequence 2233, Ap
11	11	8.3	13	7	US-11-140-487A-2268 Sequence 2268, Ap
12	11	8.3	15	7	US-11-140-487A-2247 Sequence 2247, Ap
13	10	7.5	10	7	US-11-140-487A-1236 Sequence 1236, Ap
14	10	7.5	10	7	US-11-140-487A-1469 Sequence 1469, Ap
15	10	7.5	10	7	US-11-140-487A-1490 Sequence 1490, Ap
16	10	7.5	10	7	US-11-140-487A-1921 Sequence 1921, Ap
17	10	7.5	10	7	US-11-140-487A-2037 Sequence 2037, Ap
18	10	7.5	15	7	US-11-140-487A-2181 Sequence 2181, Ap
19	10	7.5	15	7	US-11-140-487A-2229 Sequence 2229, Ap
20	10	7.5	637	7	US-11-254-252-4 Sequence 4, Appli
21	9	6.8	9	7	US-11-140-487A-23 Sequence 23, Appl
22	9	6.8	9	7	US-11-140-487A-90 Sequence 90, Appl
23	9	6.8	9	7	US-11-140-487A-99 Sequence 99, Appl
24	9	6.8	9	7	US-11-140-487A-239 Sequence 239, App
25	9	6.8	9	7	US-11-140-487A-263 Sequence 263, App
26	9	6.8	9	7	US-11-140-487A-305 Sequence 305, App
27	9	6.8	9	7	US-11-140-487A-328 Sequence 328, App
28	9	6.8	9	7	US-11-140-487A-342 Sequence 342, App
29	9	6.8	9	7	US-11-140-487A-359 Sequence 359, App
30	9	6.8	9	7	US-11-140-487A-396 Sequence 396, App
31	9	6.8	9	7	US-11-140-487A-414 Sequence 414, App
32	9	6.8	9	7	US-11-140-487A-426 Sequence 426, App
33	9	6.8	9	7	US-11-140-487A-454 Sequence 454, App
34	9	6.8	9	7	US-11-140-487A-463 Sequence 463, App

35	9	6.8	9	7	US-11-140-487A-470	Sequence 470, App
36	9	6.8	9	7	US-11-140-487A-606	Sequence 606, App
37	9	6.8	9	7	US-11-140-487A-642	Sequence 642, App
38	9	6.8	9	7	US-11-140-487A-670	Sequence 670, App
39	9	6.8	9	7	US-11-140-487A-671	Sequence 671, App
40	9	6.8	9	7	US-11-140-487A-727	Sequence 727, App
41	9	6.8	9	7	US-11-140-487A-753	Sequence 753, App
42	9	6.8	9	7	US-11-140-487A-820	Sequence 820, App
43	9	6.8	9	7	US-11-140-487A-1196	Sequence 1196, Ap
44	9	6.8	9	7	US-11-140-487A-1357	Sequence 1357, Ap
45	9	6.8	9	7	US-11-140-487A-1542	Sequence 1542, Ap
46	9	6.8	15	7	US-11-140-487A-2218	Sequence 2218, Ap
47	8	6.0	9	7	US-11-140-487A-136	Sequence 136, App
48	8	6.0	9	7	US-11-140-487A-201	Sequence 201, App
49	8	6.0	9	7	US-11-140-487A-333	Sequence 333, App
50	8	6.0	9	7	US-11-140-487A-1257	Sequence 1257, Ap
51	8	6.0	9	7	US-11-140-487A-1936	Sequence 1936, Ap
52	8	6.0	10	7	US-11-140-487A-857	Sequence 857, App
53	8	6.0	10	7	US-11-140-487A-1976	Sequence 1976, Ap
54	7	5.3	9	7	US-11-140-487A-21	Sequence 21, Appl

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	226956	gene\$1 dna\$1 cdna\$1 rna\$1 mrna\$1	US-PGPUB; USPAT	OR	ON	2006/08/15 16:25
L2	8834	hepatitis adj c	US-PGPUB; USPAT	OR	ON	2006/08/15 16:26
L3	7835	l1 and l2	US-PGPUB; USPAT	OR	ON	2006/08/15 16:26
L4	509606	@rlad<"19940427"	US-PGPUB; USPAT	OR	ON	2006/08/15 16:26
L5	630	l3 and l4	US-PGPUB; USPAT	OR	ON	2006/08/15 16:26
L6	234632	@pd>"20060228"	US-PGPUB; USPAT	OR	ON	2006/08/15 16:26
L7	13	l5 and l6	US-PGPUB; USPAT	OR	ON	2006/08/15 16:27
L8	317198	protein\$1 peptide\$1 polypeptide\$1	US-PGPUB; USPAT	OR	ON	2006/08/15 16:27
L9	8159	l2 and l8	US-PGPUB; USPAT	OR	ON	2006/08/15 16:28
L10	646	l4 and l9	US-PGPUB; USPAT	OR	ON	2006/08/15 16:28
L11	3	(hepatitis adj c) near3 3a	US-PGPUB; USPAT	OR	ON	2006/08/15 16:29
L12	1	l10 and l11	US-PGPUB; USPAT	OR	ON	2006/08/15 16:29



## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	4	("20060093617" "20060110755" "20060088819" "20060105365")[pn]	US-PGPUB	OR	ON	2006/08/15 13:07
L2	8408	@rlad<"19940427"	US-PGPUB	OR	ON	2006/08/15 13:07
L3	0	l1 and l2	US-PGPUB	OR	ON	2006/08/15 13:07
S1	13	("20030008274" "20020128456" "20030064360" "20030198946" "20020192639" "20040096822" "20040142321" "20020146685" "20040063092" "20040265801" "20060051745" "20050049398" "20050032047")[pn]	US-PGPUB	OR	ON	2006/08/15 13:06
S2	8408	@rlad<"19940427"	US-PGPUB	OR	ON	2006/08/15 11:17
S3	1	S1 and S2	US-PGPUB	OR	ON	2006/08/15 11:17
S4	19	("20050221296" "20030082518" "20030175692" "20040247615" "20020164722" "20030125541" "20050153281" "20050136400" "20040121975" "20050260568" "20060019245" "20020142350" "20030148348" "20040180333" "200440203020" "20040067486" "20040137424" "20040054137" "20020151484" "20020136740")[pn]	US-PGPUB	OR	ON	2006/08/15 11:20
S5	0	S2 and S4	US-PGPUB	OR	ON	2006/08/15 11:20
S6	13	("2004009273020020155124" "20030176689" "20030206919" "20040086529" "20040229832" "20050124573" "20060062801" "20060035335" "20050221297" "20040063092" "20060057164" "20040096822" "20050120398" "20050074465")[pn]	US-PGPUB	OR	ON	2006/08/15 11:22
S7	0	S2 and S6	US-PGPUB	OR	ON	2006/08/15 11:23
S8	15	("20020106640" "20030049685" "20050003345" "20010034019" "20020034734" "20020102540" "20020119495" "20020155582" "20020055727" "20030028010" "20030073080" "20030129586" "20030134297" "20030232745" "20040039187")[pn]	US-PGPUB	OR	ON	2006/08/15 11:25
S9	4	S2 and S8	US-PGPUB	OR	ON	2006/08/15 12:06
S10	2	("20040101829" "2005266400" "20030028010")[pn]	US-PGPUB	OR	ON	2006/08/15 11:27
S11	0	S2 and S10	US-PGPUB	OR	ON	2006/08/15 11:27

## EAST Search History

S12	1	20050266400[pn]	US-PGPUB	OR	ON	2006/08/15 11:28
S13	0	S2 and S12	US-PGPUB	OR	ON	2006/08/15 11:28
S14	13	("20030099663" "20030186224" "20050163797" "20050277192" "20030162168" "20030162169" "20050227226" "20050249742" "20030099634" "20020160019" "20040253577" "20030100707" "20050214890")[pn]	US-PGPUB	OR	ON	2006/08/15 11:30
S15	1	S2 and S14	US-PGPUB	OR	ON	2006/08/15 11:30
S16	18	("20020034732" "20030207264" "20040096926" "20020106640" "20030054000" "20050049398" "20040031072" "20040172684" "20060075522" "20050255568" "20060014162" "20030119018" "20040033493" "20040126809" "20060051745" "20060062801" "20050196754" "20060024696")[pn]	US-PGPUB	OR	ON	2006/08/15 11:33
S17	2	S2 and S16	US-PGPUB	OR	ON	2006/08/15 11:33
S18	1	5891640[pn]	USPAT	OR	ON	2006/08/15 12:06